

Please type plus sign (+) inside this box

+

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for PTO 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

### Complete if Known

Application Number	10/036,747
Filing Date	November 8, 2001
First Named Inventor	Kleijn, W. Bastiaan
Group Art Unit	2641
Examiner Name	
Attorney Docket Number	020184-000900US

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
MP	AA	5,899,967		Nagasaki	05-04-1999	
MP	AB	5,241,650		Gerson, et al.	08-31-1993	
MP	AC	5,267,317		Kleijn	11-30-1993	
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					

RECEIVED  
APR 12 2002  
Technology Center 2600

### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AU							
	AV							
	AW							
	AX							
	AY							
	AZ							
	BA							

Examiner  
Signature

*Master Seruel*

Date  
Considered

01 DECEMBER 2004

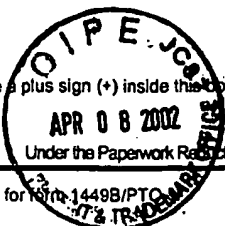
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DE 7067260 v1

Please type a plus sign (+) inside this box →



PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/036,747
				Filing Date	November 8, 2001
				First Named Inventor	Kleijn, W. Bastiaan
				Group Art Unit	2641
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	020184-000900US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JP	BB	Yariv Ephraim, et al., <i>A Signal Subspace Approach for Speech Enhancement</i> , IEEE Transactions on Speech and Audio Processing, (July 1995), Vol. 3, No. 4, pp. 251-266.	
JP	BC	V. Ramamoorthy, et al., <i>Enhancement of ADPCM Speech by Adaptive Postfiltering</i> , AT&T Bell Laboratories Technical Journal, (October 1984), Vol. 63, No. 8, pp. 1465-1475.	
JP	BD	Juin-Hwey Chen, et al., <i>Real-Time Vector APC Speech Coding at 4800 BPS with Adaptive Postfiltering</i> , Proc. Int. Conf. Acoust. Speech Sign. Proceedings, (1987), pp. 2185-2188.	
JP	BE	Juin-Hwey Chen, et al., <i>Adaptive Postfiltering for Quality Enhancement of Coded Speech</i> , IEEE Transactions on Speech and Audio Processing, (January 1995), Vol. 3, No. 1, pp. 59-71.	
JP	BF	W. Bastiaan Kleijn, <i>Improved Pitch Prediction</i> , AT&T Bell Laboratories, pp. 19-20.	
JP	BG	R.J. McAulay, et al., <i>Sinusoidal Coding</i> , Speech Coding and Synthesis, Elsevier Science B.V., (1995), pp. 121-173.	
JP	BH	W. Basitaan Kleijn, et al., <i>Waveform Interpolation for Coding and Synthesis</i> , Speech Coding and Synthesis, Elsevier Science B.V., (1995), pp. 175-207.	
	BI		
	BJ		
	BK		
	BL		

**RECEIVED**  
**APR 12 2002**  
 Technology Center 2600

Examiner Signature	<i>Markus Leroy</i>	Date Considered	01 DECEMBER 2004
--------------------	---------------------	-----------------	------------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
DE 7067260 v1